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INFORMATION DISCLOSURE	Application Number		10828573	
	Filing Date		2004-04-21	
	First Named Inventor	Matth	ew A. Ahrens	
(Not for submission under 37 CFR 1.99)	Art Unit		2135	
(Not for submission under 57 of K 1.55)	Examiner Name	S. De	bnath	
	Attorney Docket Numb	er	03226/390001; P8399	

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	1	5675802		1997-10-07	Allen et al.	
	2	6795966		2004-09-21	Lim et al.	
	3	6341341		2002-01-22	Grummon et al.	
	4	5129085		1992-07-07	Yamasaki et al.	
	5	5403639	A	1995-04-04	Storage Technology Corporation	
	6	5410667	A	1995-05-25	Storage Technology Corporation	
	7	6857001	A1	2003-12-11	Network Appliance, Inc.	
	8	6892211	A1	2004-12-23	Network Appliance, Inc.	

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	9	7133964	A1	2003-09	9-25	Network Applia	ance, Inc.				
	10	7162486	A1	2004-03	3-25	Network Applia	ance, Inc.				
	11	7174352	A1	2002-04	1-25	Network Applia	ance, Inc.				
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1	Sandberg, R. et al.; "Design and Implementation of the Sun Network Filesystem"; Sun Microsystems, Inc., 1985 USENIX Conference (12 pages)	
2	McKusick, M. K. et al.; "A Fast File System for UNIX"; ACM Transaction on Computer Systems, Vol. 2, No. 3, August 1984, pp. 181-197 (17 pages)	
3	Astrahan, M.M. et al.; "System R: Relational Approach to Database Management"; ACM Transactions on Database Systems, Vol. 1, No. 2, June 1976, pp. 97-137 (41 pages)	
4	"VERITAS File System 3.4 Administrator's Guide" VERITAS Software Corporation, November 2000, http://www.veritas.com; pp. 1-227 (227 pages)	
5	Czezatke C. et al.; "Linlogfs: A Log-Structured Filesystem for Linux"; The USENIX Association, Proceedings of FREENIX Track: 2000 USENIX Annual Technical Conference, San Diego, California, June 18-23, 2000 (13 pages)	
6	Osorio, N. et al.; "Guidelines for Using Snapshot Storage Systems for Oracle Databases"; Oracle Corporation, October 2001 (13 pages)	
7	Quinlan, S.; "A Cached WORM File System"; AT&T Bell Laboratories, Murry Hill, New Jersey; Software-Practice and Experience, Vol. 21(12), pp. 1289-1299, December 1991 (11 pages)	
8	"Sun StorEdge Instant Image 2.0 System Administrator's Guide; Sun Microsystems, Inc., February 2000, Revision A (106 pages)	
9	Ylonen, T.; "Concurrent Shadow Paging: A New Direction for Database Research"; Laboratory of Information Processing Science, Helsinki University of Technology, SF-02150, Espoo, Finland, 1992 (8 pages)	
10	Popek, G. et al.; "The LOCUS Distributed System Architecture"; The MIT Press, Cambridge, Massachusetts, 1985 The Massachusetts Institute of Technology (8 pages)	
11	Gray, J. et al.; "The Recovery Manager of the System R Database Manager"; Computing Surveys, Vol. 13, No. 2, June 1981 (20 pages)	

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12	Schilling, J.; "Enrwurf und Implementierung eines schnellen Filesystems fur Unix unter besonderer Berucksichtigung der technischen Parameter optischer Speichermedien und multimedialer Anwendungen"; Diplomarbeir Jorg Schilling, eingereicht am 23.05.1991 an der TU Berlin, and English Translation (245 pages)	
13	Ylonen, T.; "Concurrent Shadow Paging: Snapshots, Read-Only Transactions, and On-The-Fly Multi-Level Incremental Dumping"; Laboratory of Information Processing Science, Helsinki University of Technology, FIN-02150, Espoo, Finland, 1993 (22 pages)	
14	"The Enterprise Challenge Served by Snapshot"; Whitepaper, 2001 LSI Logic Corporation (8 pages)	
15	Agrawal, R. et al.; "Integrated Concurrency Control and Recovery Mechanisms: Design and Performance Evaluation"; ACM Transactions on Database Systems, Vol. 10, No. 4, December 1985, pp. 529-564 (36 pages)	
16	Suresh, Babu S.; "Persistent Snapshots"; Department of Computer Science and Automation, Indian Institute of Science, Bangalore - 560 012, January 2000 (38 pages)	
17	"Proceedings of the 5th Annual Linux Showcase & Conference" USENIX Association, Oakland, California, November 5-10, 2001 (11 pages)	
18	Borg, A. et al.; "Fault Tolerance Under UNIX"; ACM Transactions on Computer Systems, Vol. 7, No. 1, February 1989, pp. 1-24 (24 pages)	
19	Rosenblum, M. et al.; "The Design and Implementation of a Log-Structured File System"; Electrical Engineering and Computer Sciences, Computer Science Division, University of California, 1991 (15 pages)	
20	Hecht, M. S. et al.; "Shadowed Management of Free Disk Pages with a Linked List"; ACM Transactions on Database Systems, Vol. 8, No. 4, December 1983, pp. 503-514 (12 pages)	
21	Rosenblum, M. et al.; "The LFS Storage Manager" Computer Science Division, Electrical Engineering and Computer Sciences, University of California; presented at the Summer '90 USENIX Technical Conference, Anaheim, California, June 1990 (16 pages)	
22	Lorie, R. A.; "Physical Integrity in a Large Segmented Database"; ACM Transactions on Database Systems, Vol. 2, No. 1, March 1977, pp. 91-104 (14 pages)	

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